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# TRANSMITTAL FORM

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Total Number of Pages in This Submission 10	Application Number	10/800,111
	Filing Date	March 12, 2004
	First Named Inventor	Mark R. AYRES
	Art Unit	2878
	Examiner Name	K. Wyatt
Attorney Docket Number		495812005700

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (9 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): • Return Receipt Postcard
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP (Customer No.: 25226)	
Signature		
Printed name	Christopher B. Eide	
Date	April 19, 2007	Reg. No. 48,375

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Dated: April 19, 2007

Signature: (Georgina Matos)

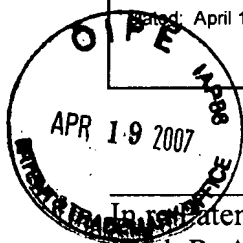
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Signature: Georgina Mato

(Georgina Mato)

Docket No.: 495812005700  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Mark R. AYRES

Application No.: 10/800,111

Confirmation No.: 8922

Filed: March 12, 2004

Art Unit: 2878

For: METHODS FOR MEASURING OPTICAL  
CHARACTERISTICS BY DIFFERENTIAL  
DIFFRACTIVE SCANNING

Examiner: K. Wyatt

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This is in response to the non-final Office Action dated March 5, 2007 (Paper No. Mail Date 20070220), for which a response is due on June 5, 2007. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

**Remarks/Arguments** begin on page 2 of this paper.